



CDF Operations Summary

Steve Hahn
April 6, 2006

March 2006 Shutdown Week 6

“Shiniest assembly building ever!”

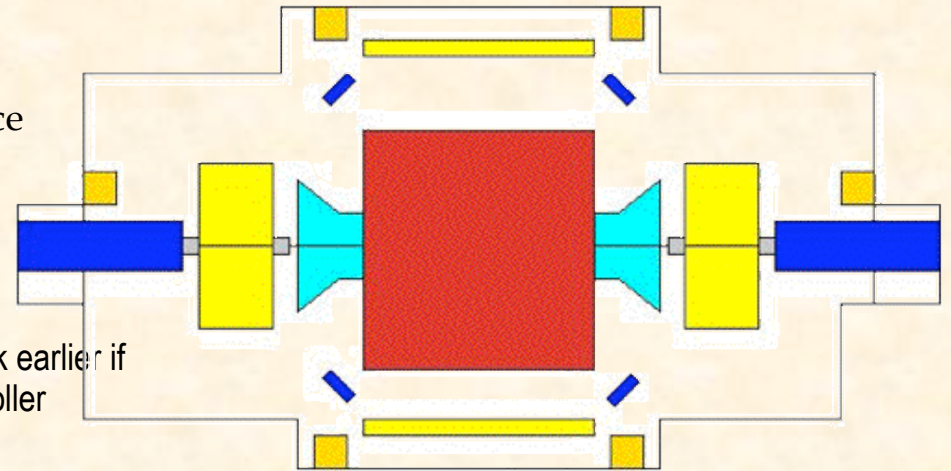


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☛ Detector Status:

- Endplugs pulled since Monday; bore access since Tuesday
 - ➔ COT noise work in progress
 - ➔ 3 WHA PMTs to investigate
 - ➔ EM timing work on plug crates
 - ➔ Nominally until April 26, but would like to end a week earlier if possible (April 21?) to allow more time for Hillman roller replacement on SW muon steel
- Hardware EVB/Level 3
 - ➔ Hardware (crates, cards, cables, fibers) ready Monday
 - ➔ Already running with HEVB and small set of L3 subfarms on irregular basis; still some issues
 - ➔ Markus and Connor are working on commissioning all L3 nodes; should get priority on DAQ
- Monitoring & Control Systems (MCS)
 - ➔ First round of installing spare disk for quick recovery & USB card with internal USB port for iFIX dongle done before 3/18
 - ➔ Second round of installing iFIX 4.0 on all PCs done this morning; only MUON3 has problems related to upgrade
 - ➔ Plenty of work for remainder of shutdown, but these were the major items





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- ☛ Saturday (4/3, 0700-0730) site-wide power outage:
 - Longer than expected—17 minutes
 - Diesel generator turned on, but did not deliver power
 - ➔ FESS checked; outside contractor checking load balancing on diesel generator week before had left output power switch off
 - ➔ So, we were running on only UPSes through outage
 - ➔ Some 3rd floor computer room servers were turned off; these only had 15-20 minute individual UPSes
 - Mostly back up and running by early afternoon
- ☛ EM timing Run 2B upgrade TDCs back and running
- ☛ Hadron timing Run 2B upgrade TDCs back ready for testing
- ☛ COT TDC crates:
 - b0cot07 backplane swapped
 - b0cot09 2 TDCs recovered by reseating
- ☛ Tomorrow morning (0940-1020), DOE Secretary Bodman tours CDF west display area and collision hall; no work in hall and west side of assembly building during morning



Important Dates

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Date	
2/27	Shutdown begins
2/27	Open Collision Hall, begin detector work
2/27 - 6/1	No Owl shifts (Cryo: 3/6 - 5/22): HV off at night!
3/1 - 4/6	No Hardware Event Builder
3/7	Open all steel, full detector access
3/15 - 3/26	Hilman roller replacement (NW IMU steel)
3/13	Chambers off flammable gas
3/18	8 hour power outage to B0 and trailers
4/4 - 4/26	Solenoid bore access
4/3	1/2 hour site wide power outage
4/24	1/2 hour site wide power outage
5/1	Flammable gas to COT (test recirculation system)
5/12	Restrict access to collision hall
4/5 - 5/25	Cosmic rays, Calibration and debugging with hardware EVB
5/25	Tevatron Cold